

0948516\_050401

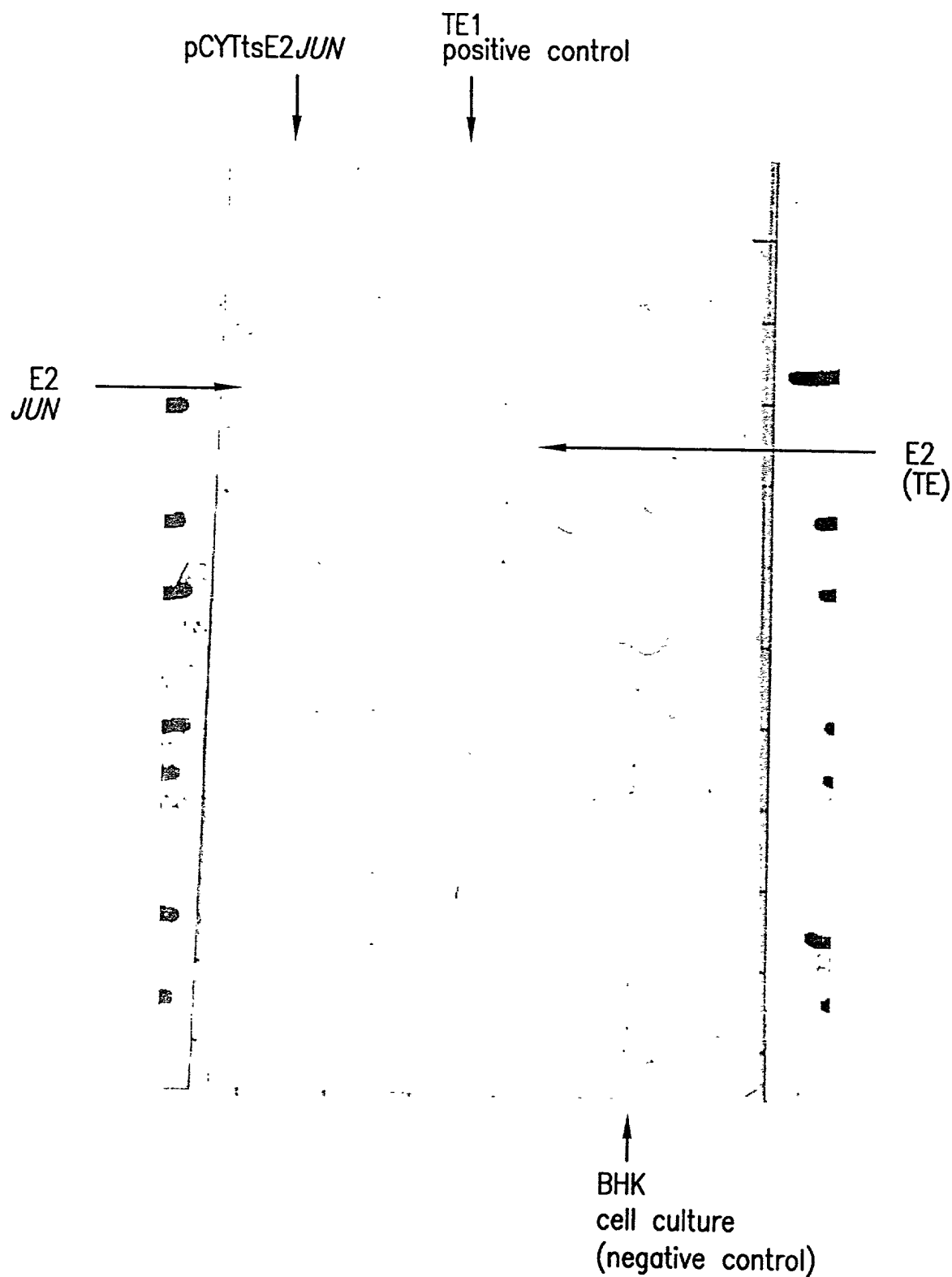


FIG.1

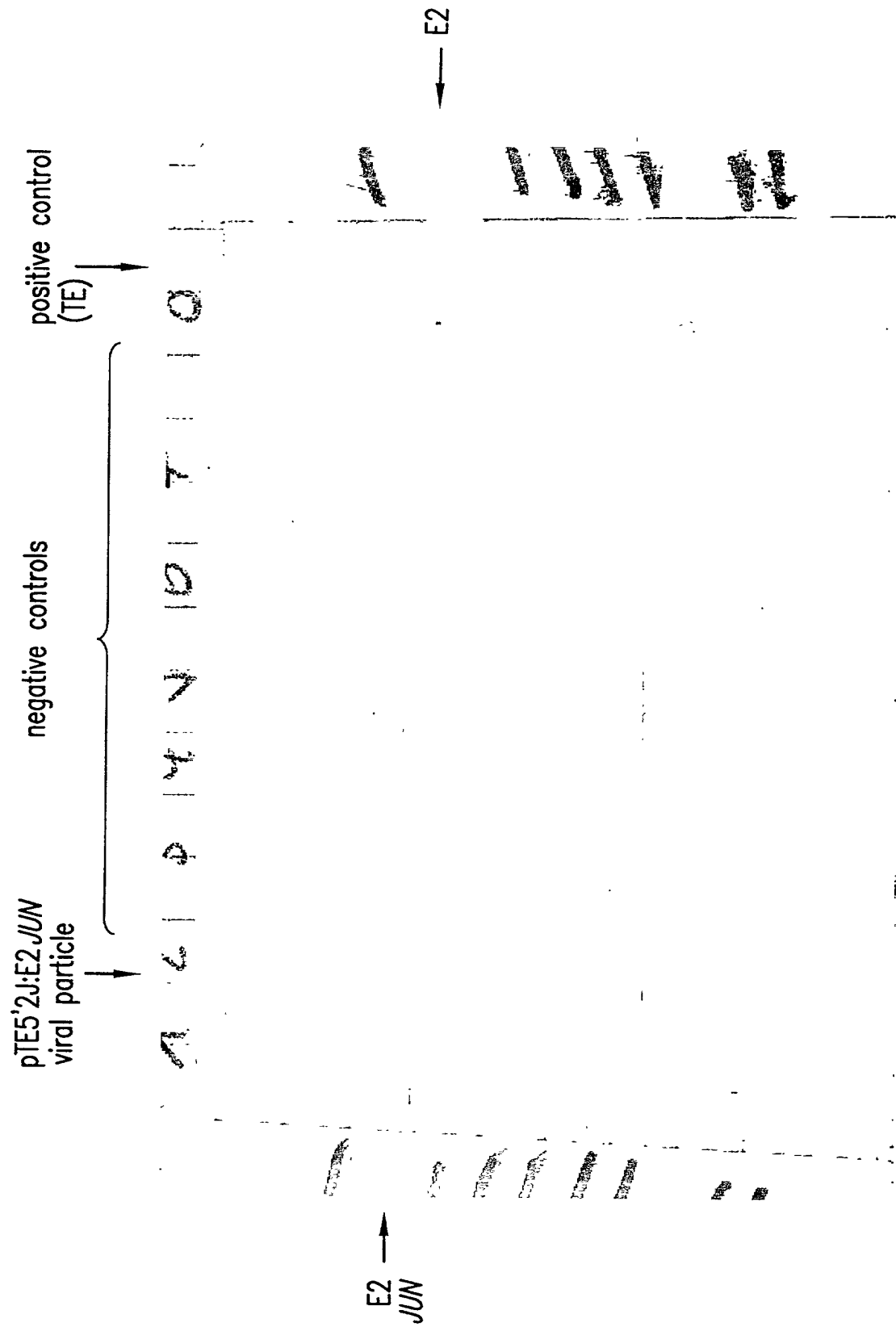


FIG.2

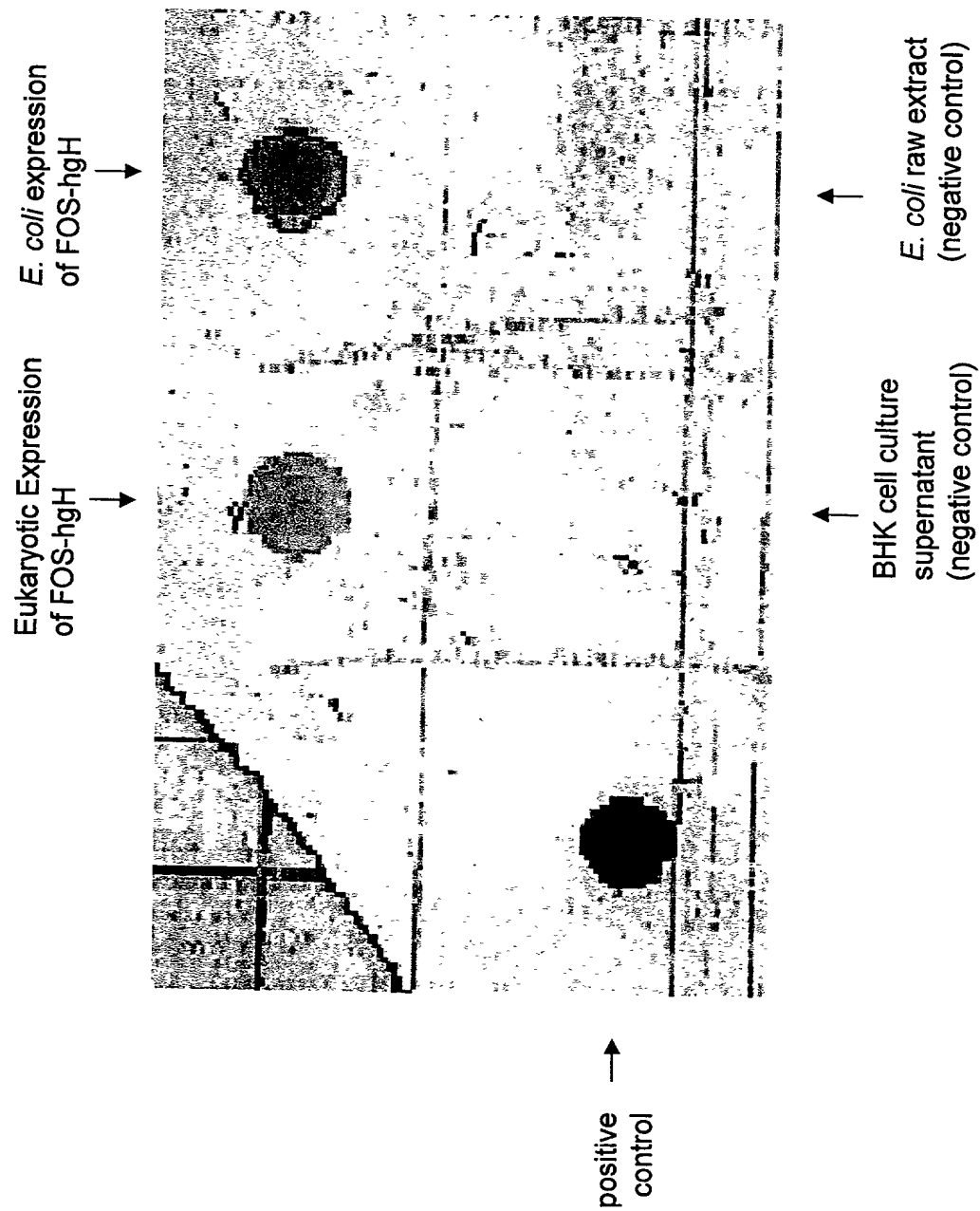


FIG.3

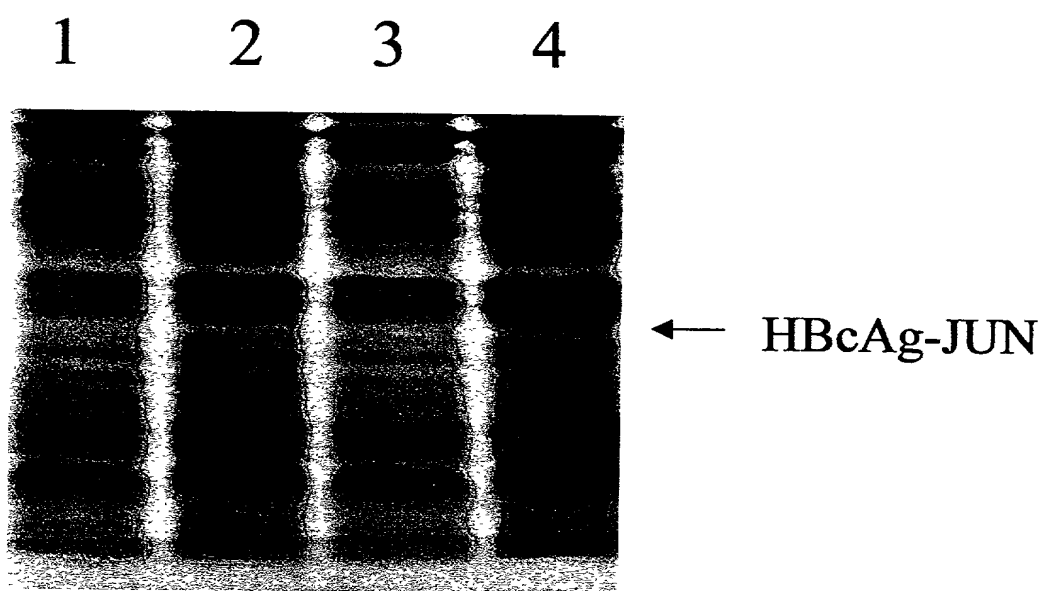
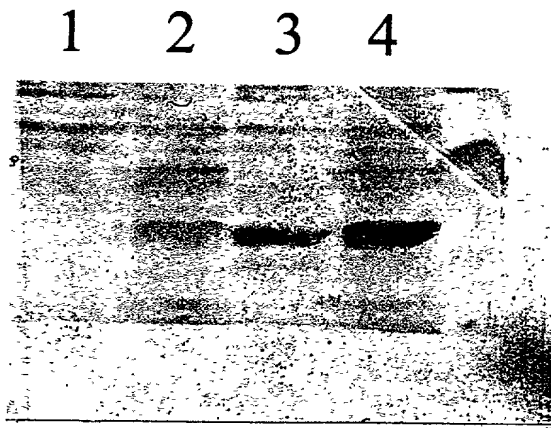


FIG.4



← HBcAg-JUN

FIG.5

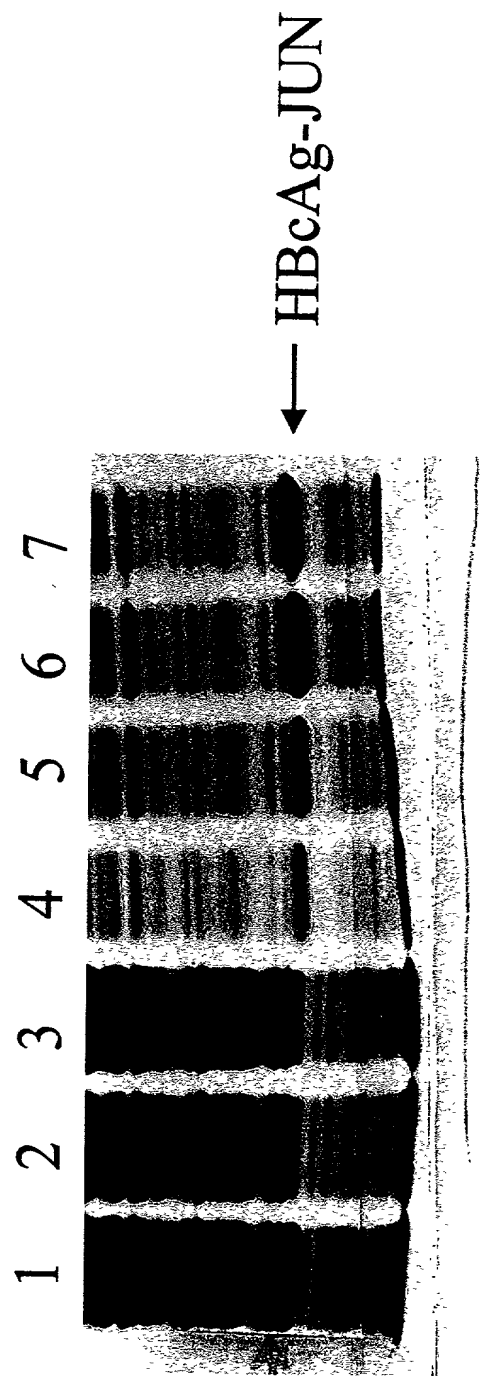


FIG.6

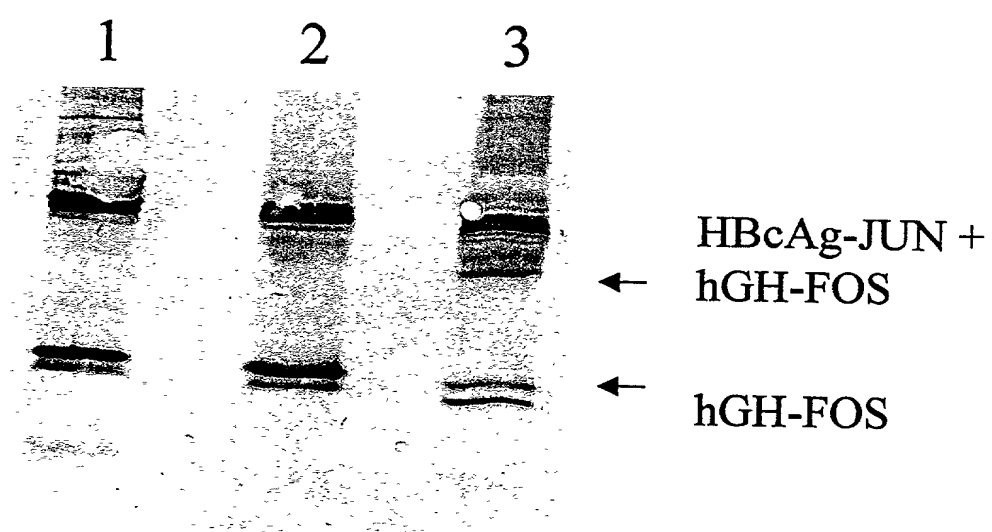


FIG.7

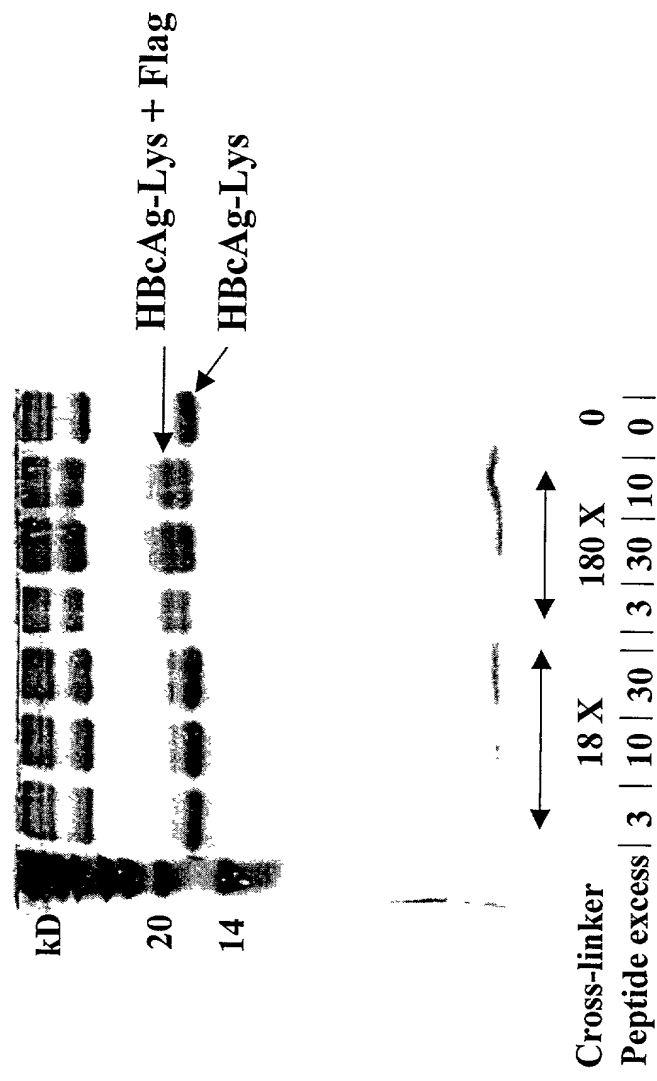


FIG. 8



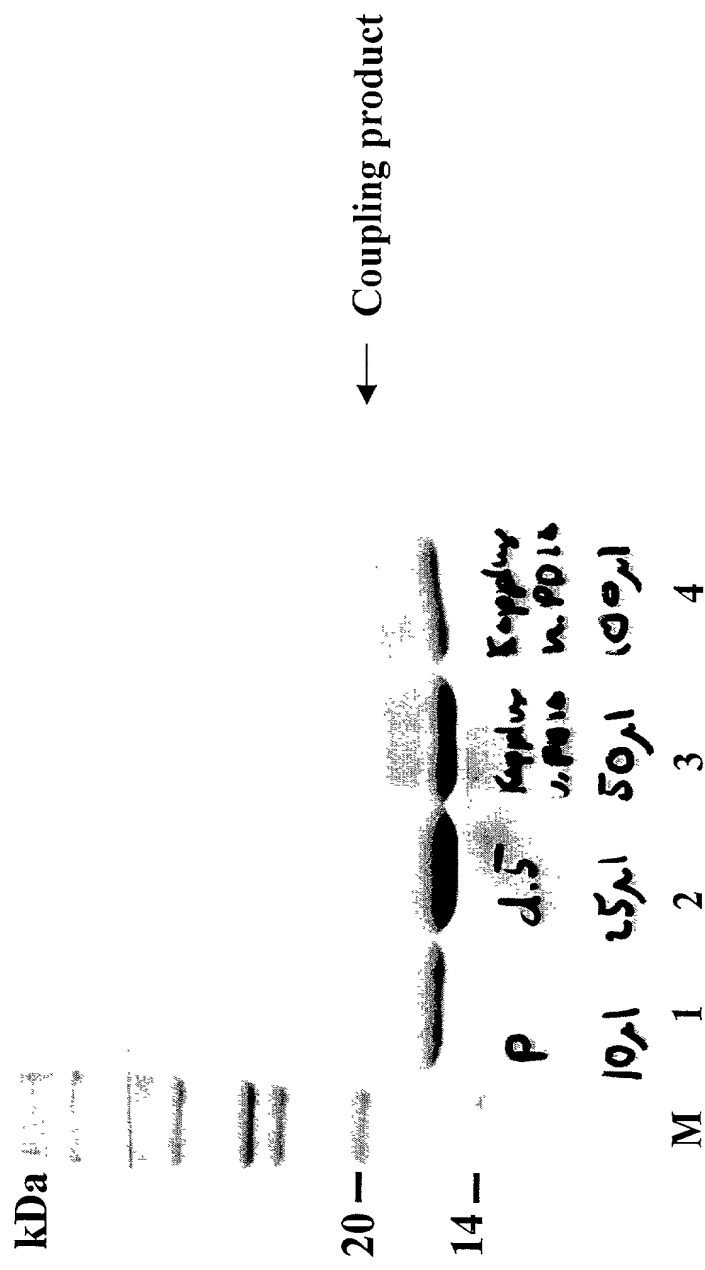


FIG. 9

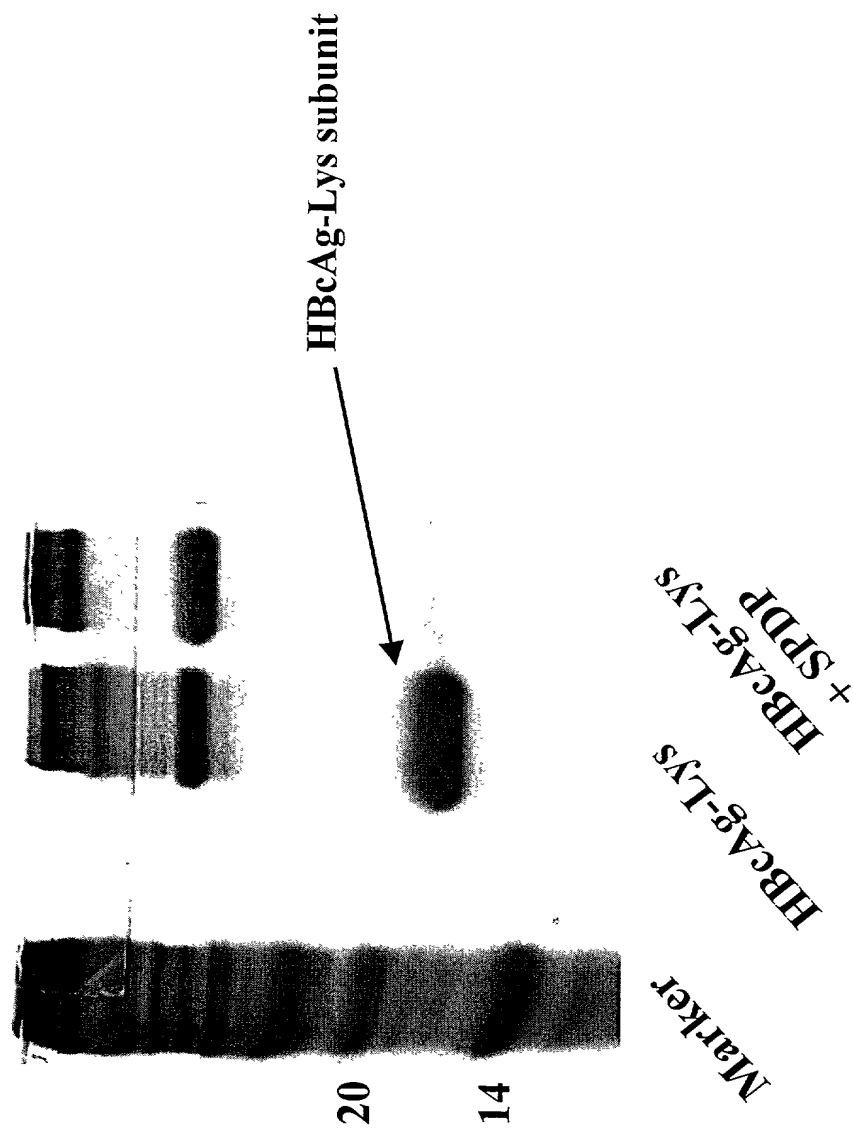


FIG. 10

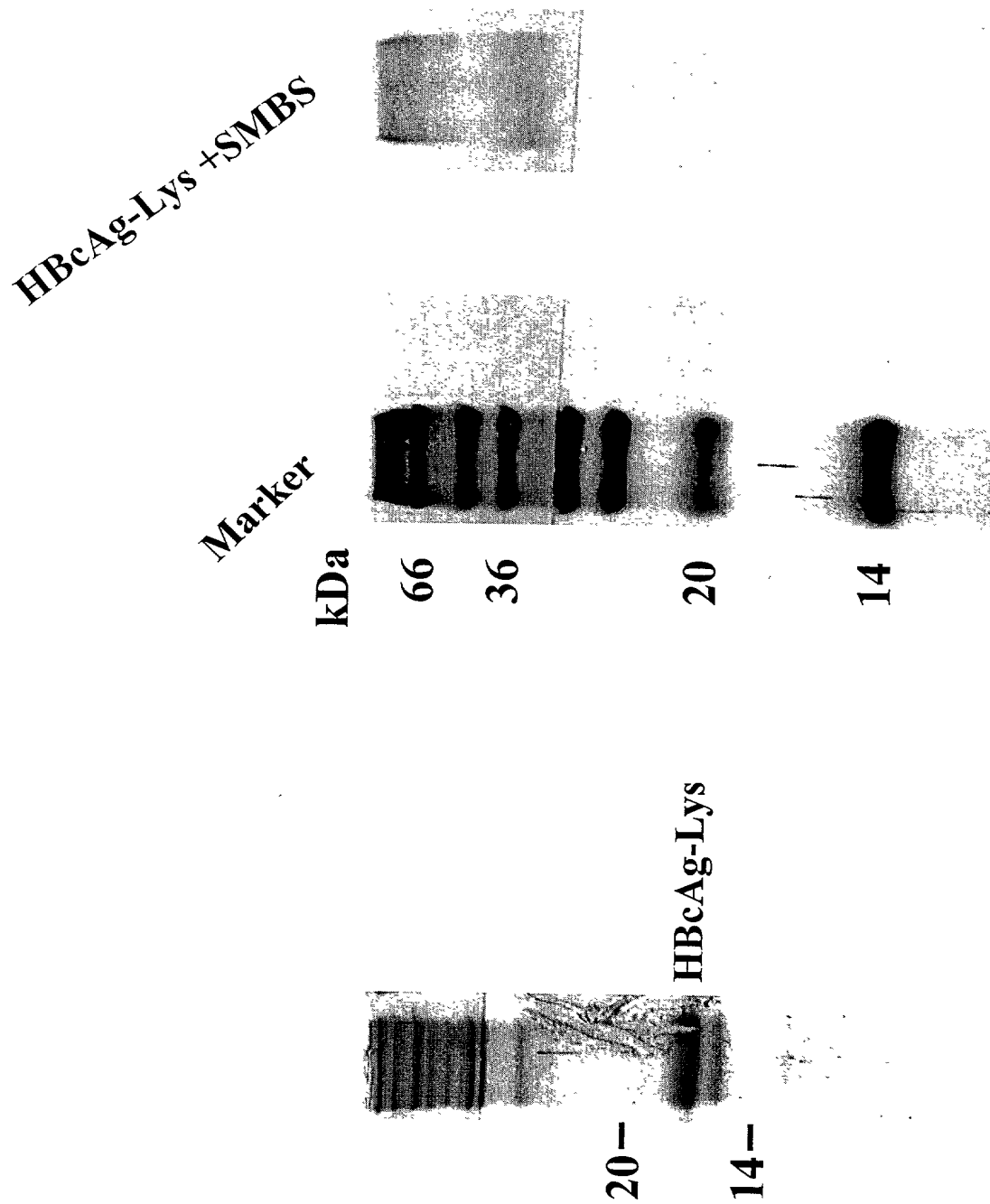


FIG. 11

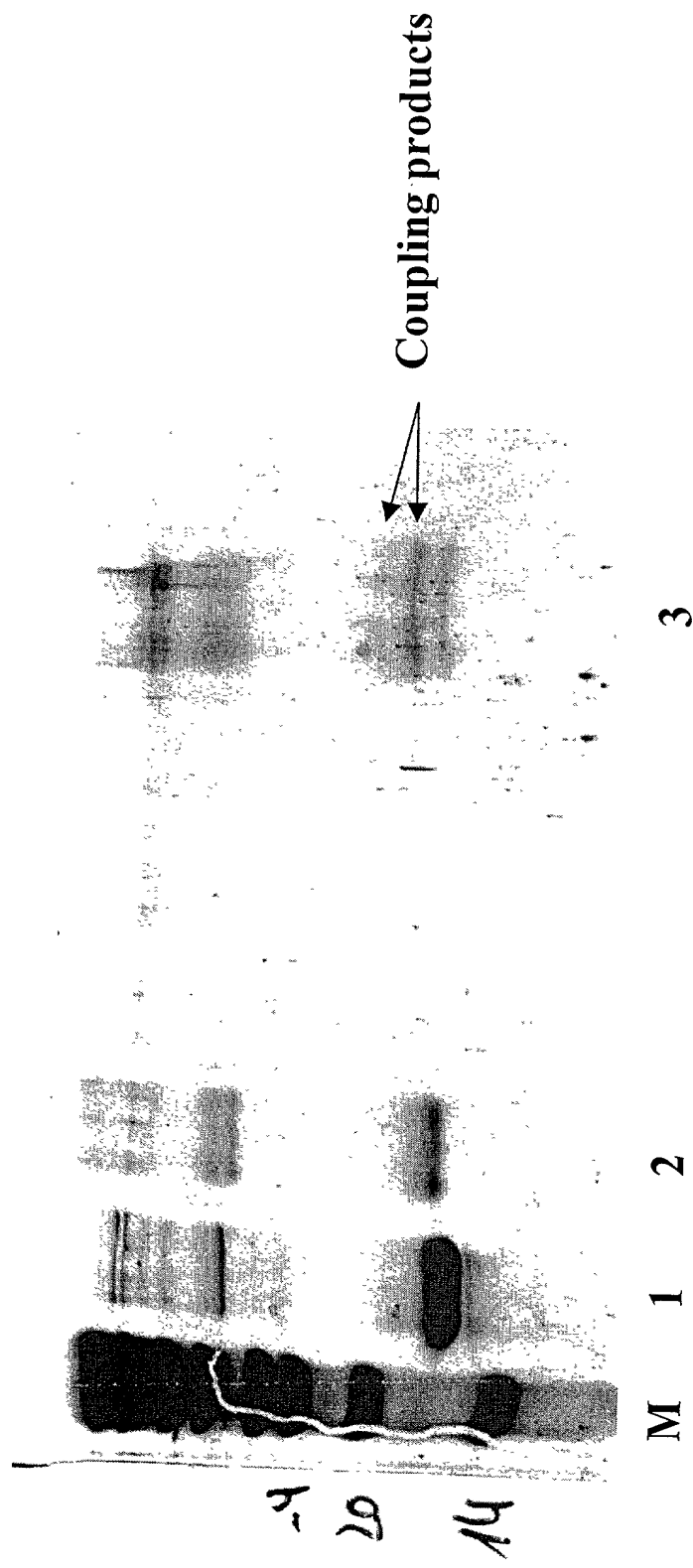


FIG. 12

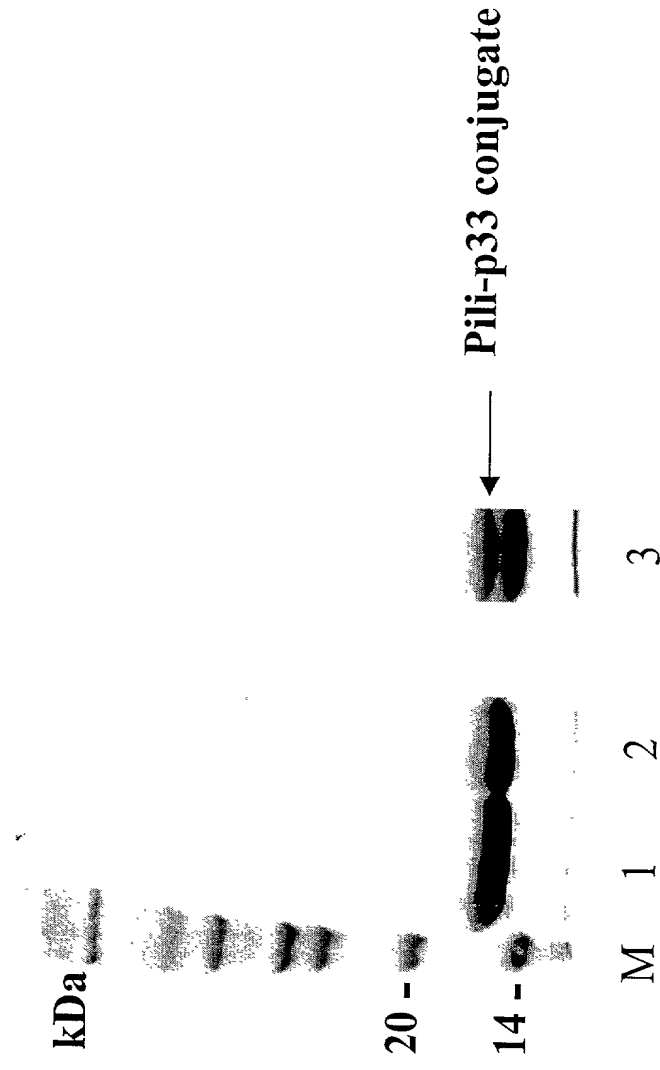


FIG. 13

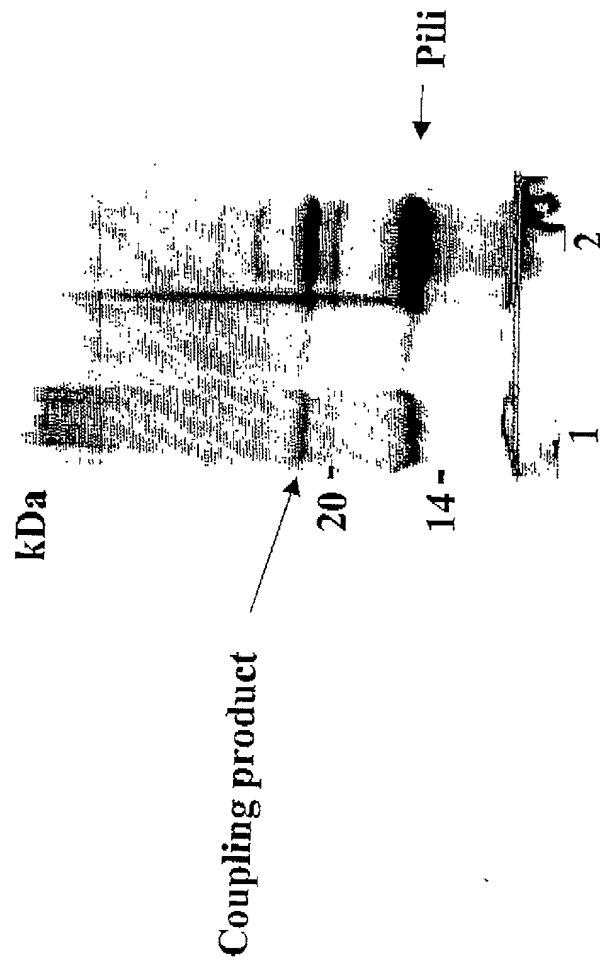


FIG. 14A

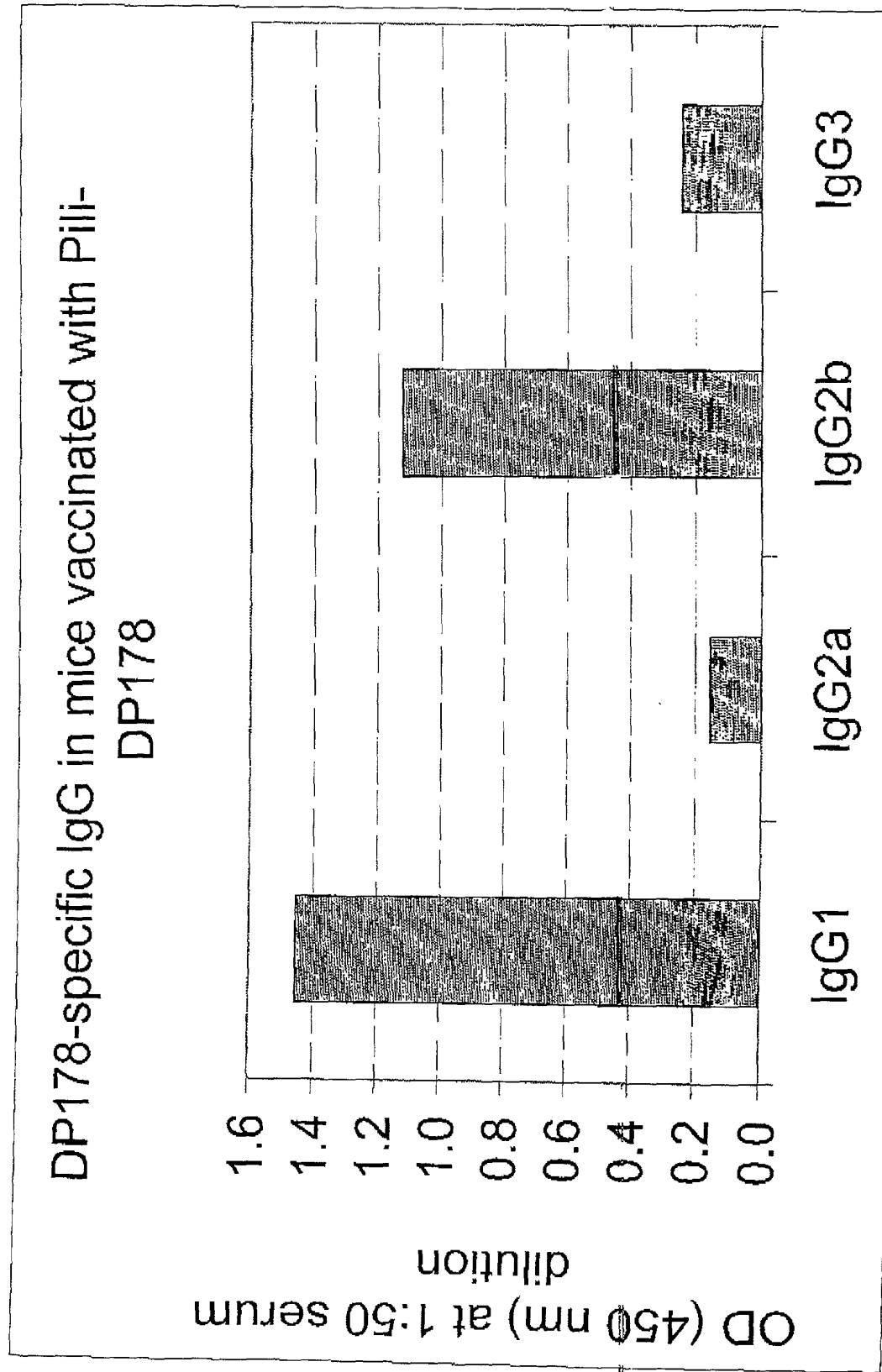
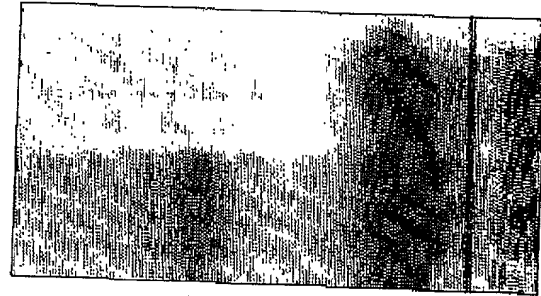


FIG. 14B

GRA2 coupled to pili

Pili alone



GRA2-pili

pili

FIG. 15A



Antibody-titers against GRA2 on d21 (after boost) of mice immunized with GRA2-pili

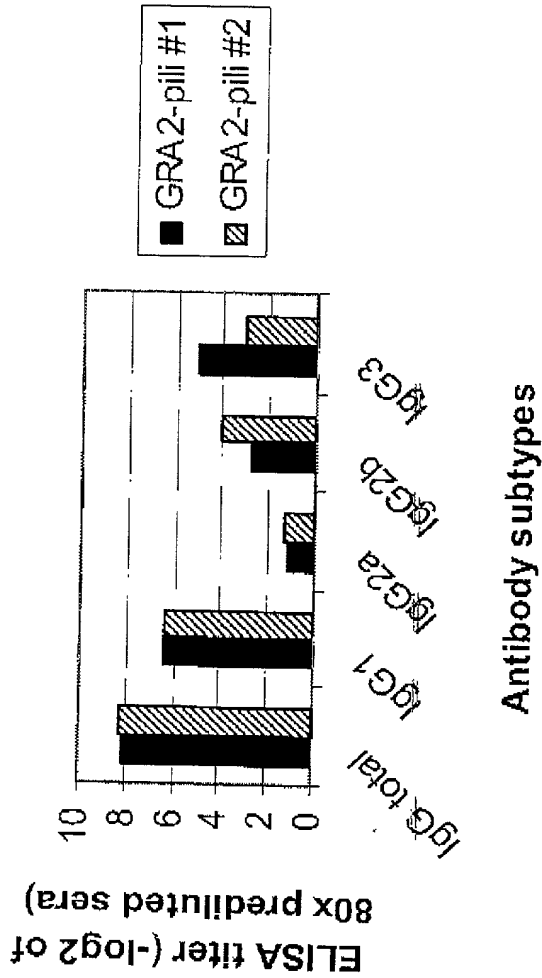


FIG. 15B

B2 coupled to pili  
D2 coupled to pili



B2/D2-pili

pili

FIG. 16A

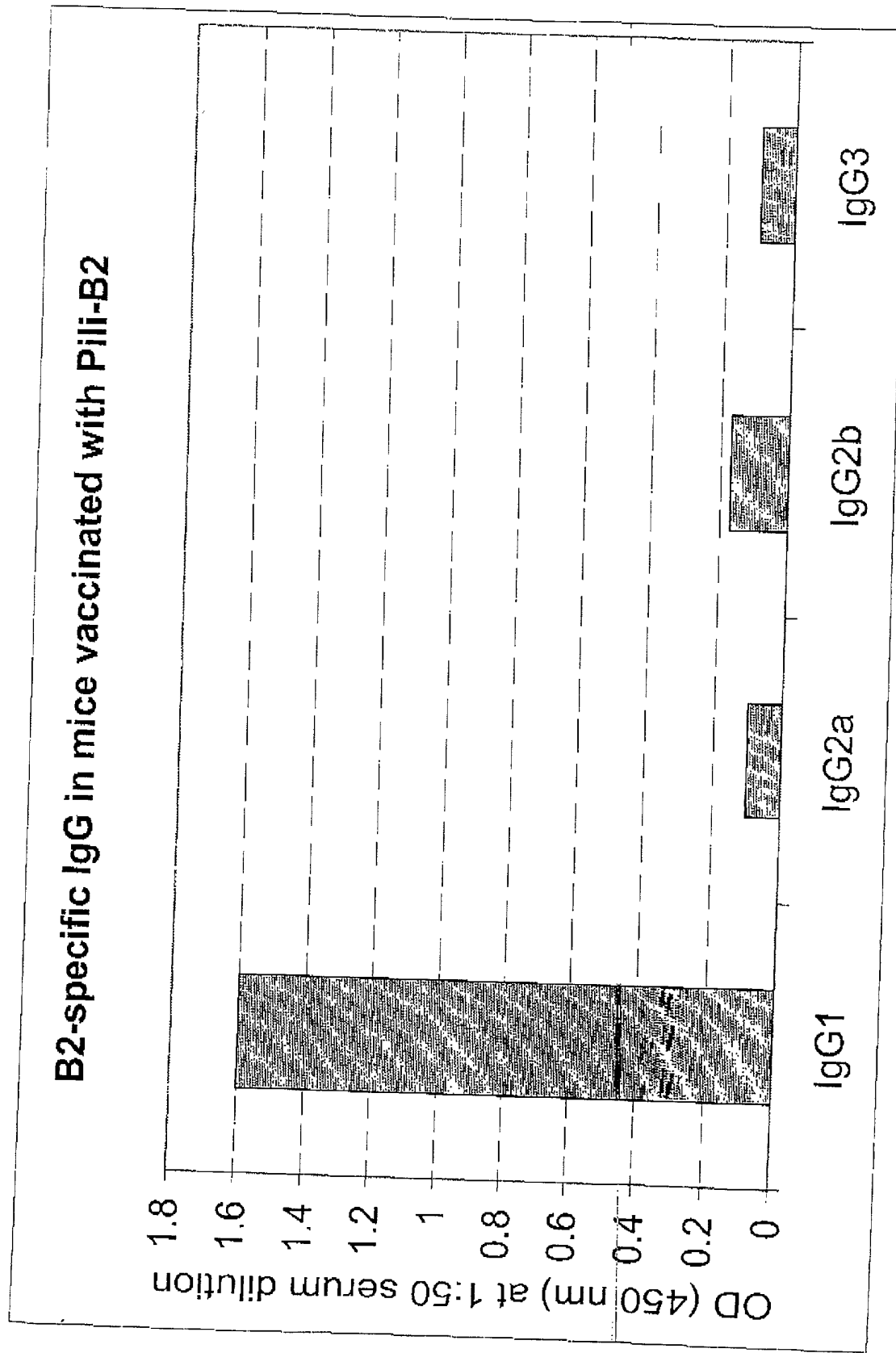


FIG. 16B

anti-TNF $\alpha$  protein IgG in sera of mice vaccinated with TNF peptide  
coupled to pili or HBc (day 20)

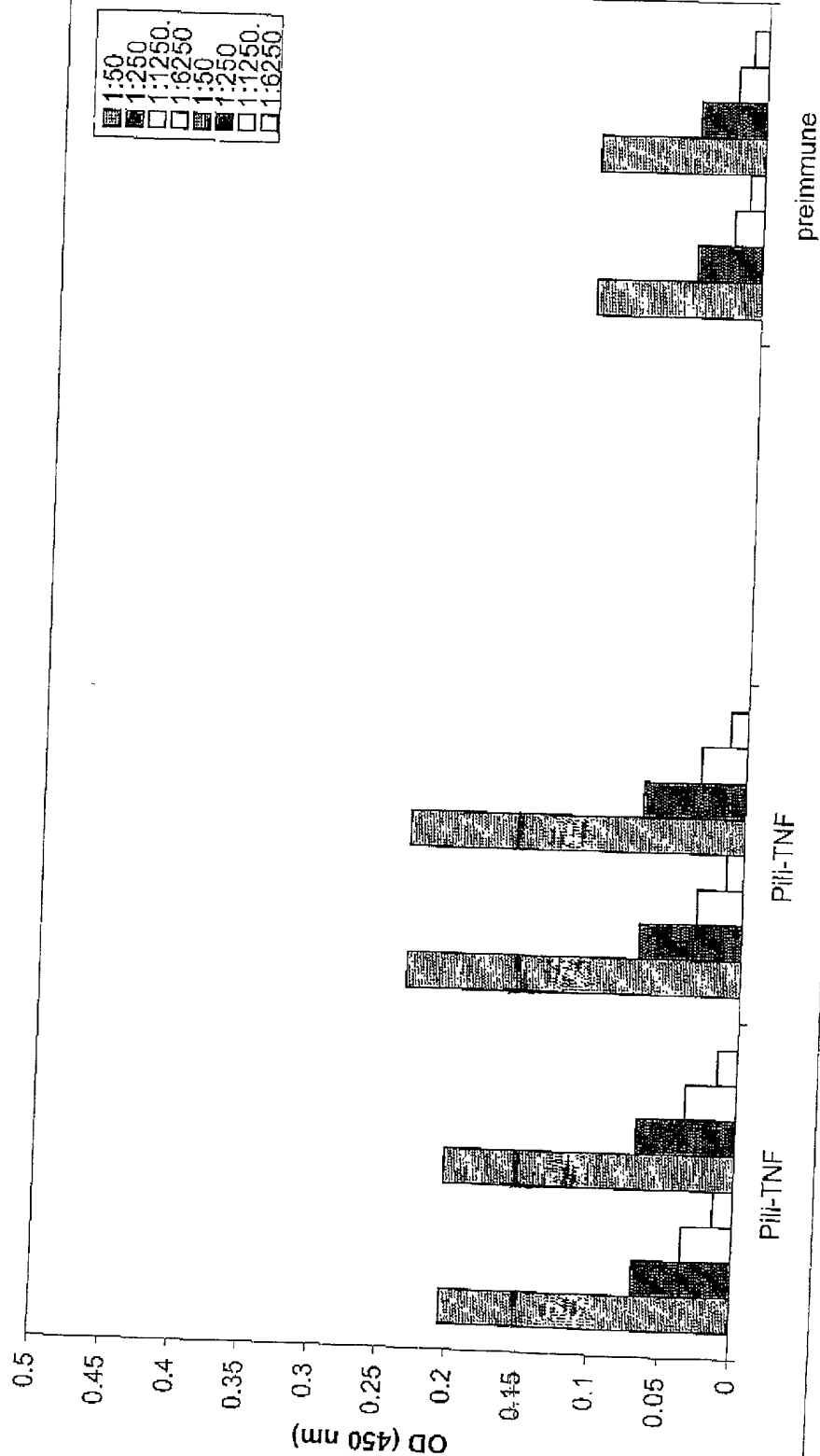


FIG. 17

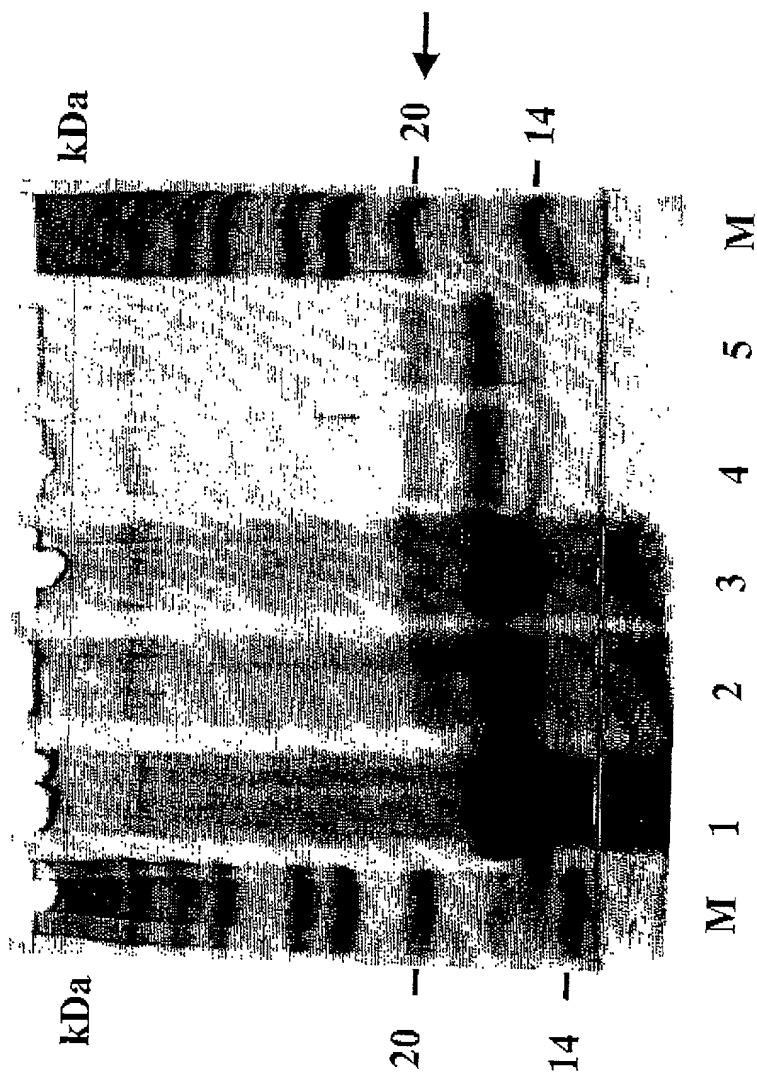


FIG. 18A

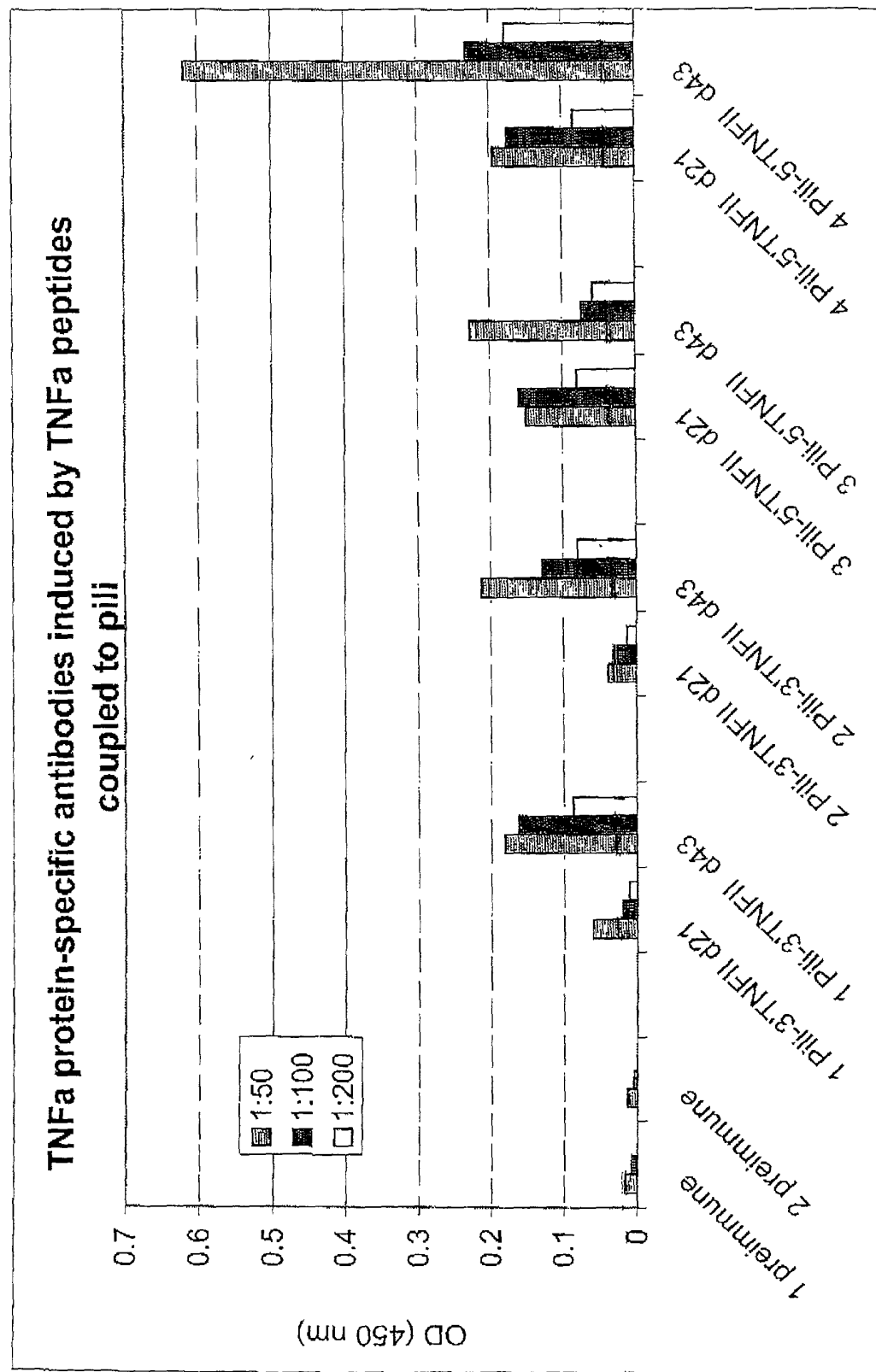


FIG. 18B

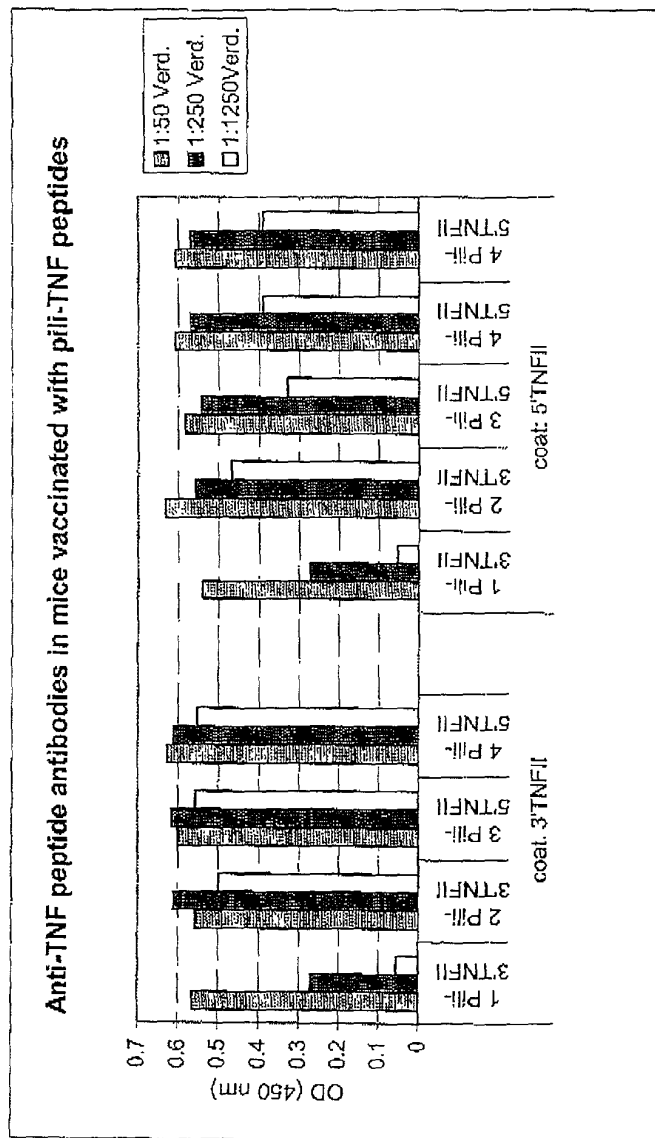


FIG. 18C

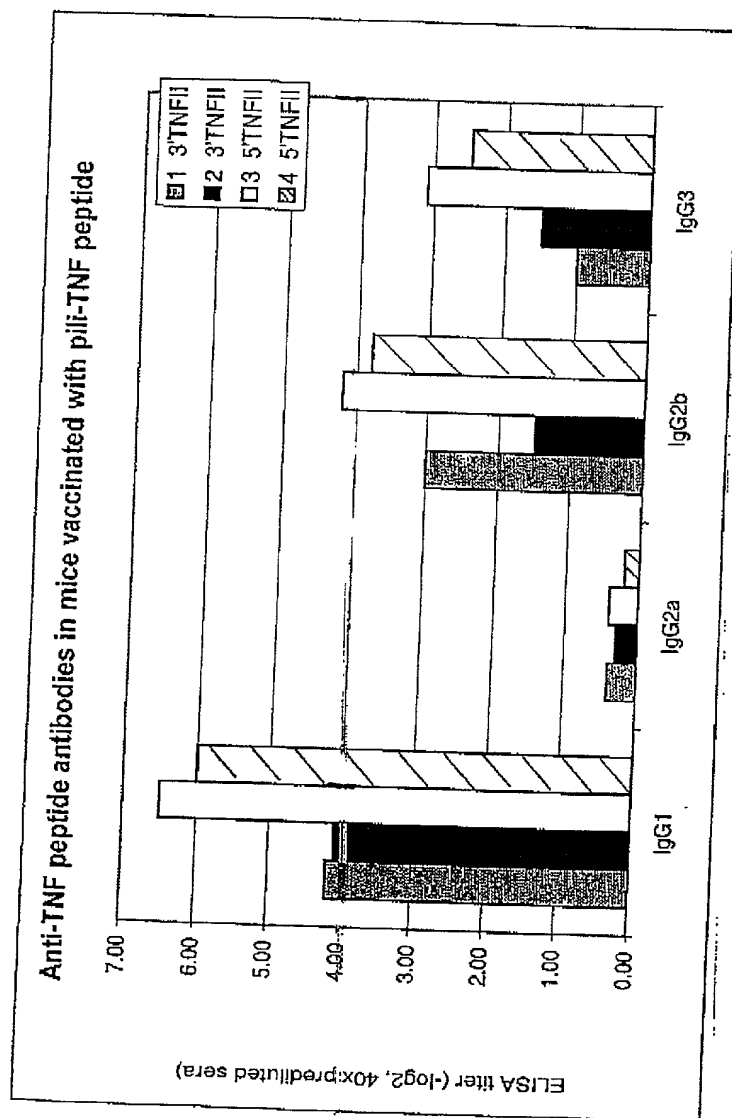


FIG. 18D



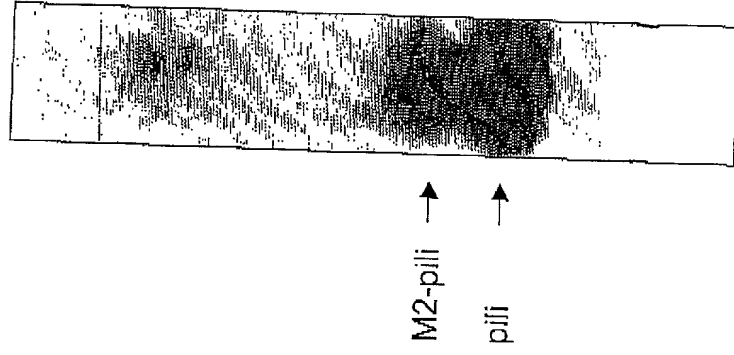
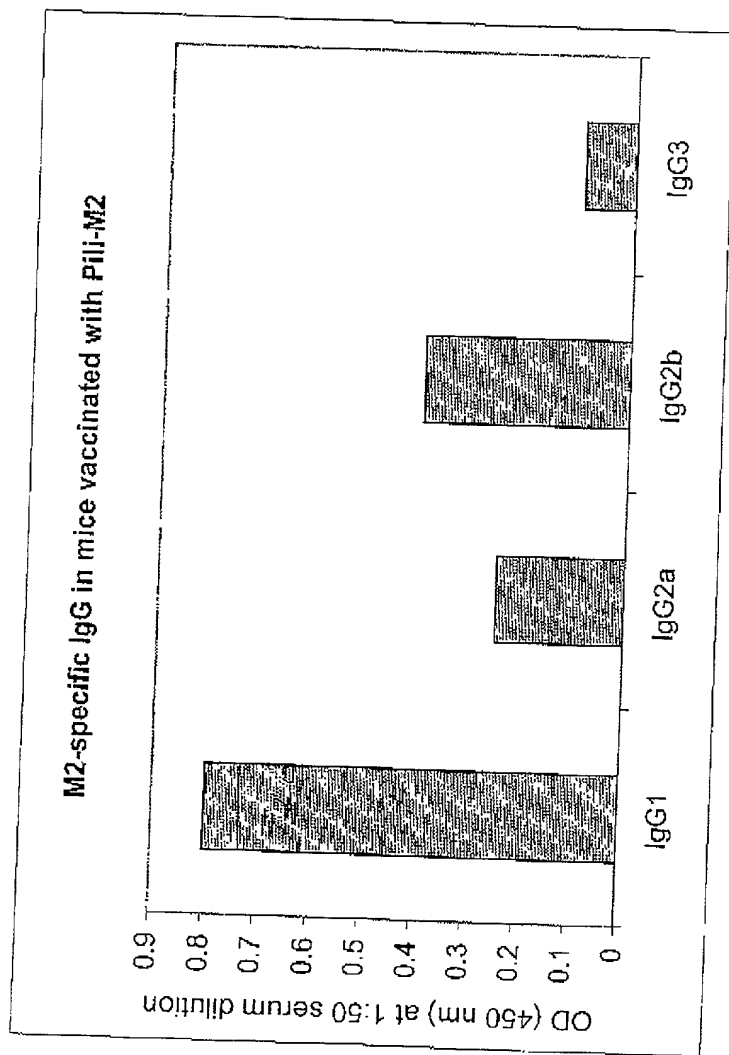


FIG. 19A



**FIG. 19B**

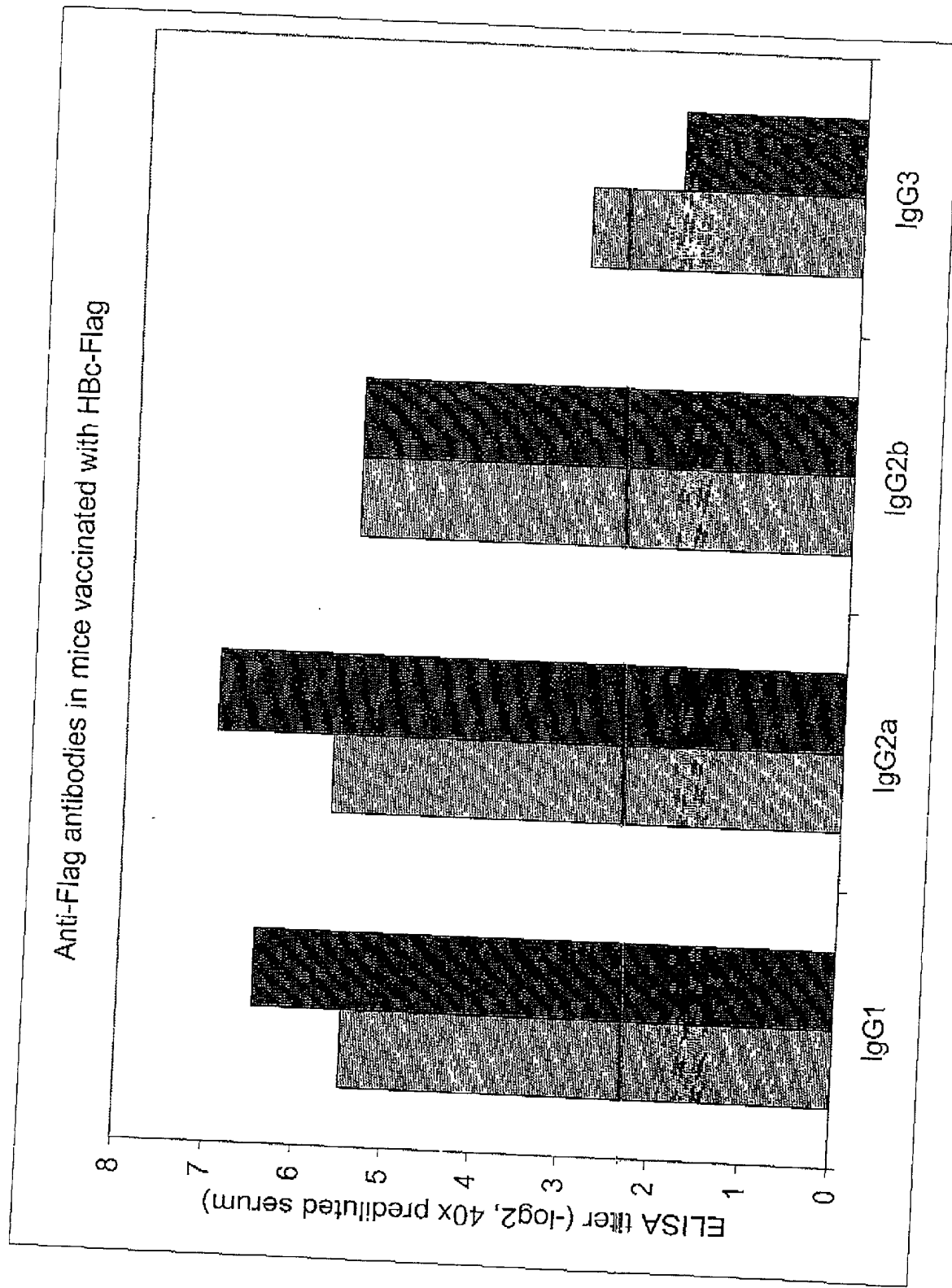


FIG 20